

Applicant: Sanchez, Eliezer
Serial No.: 10/625,807
May 25, 2005

predetermined second range of said target device; and

a monitoring device having a means for determining when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range;

said target device comprising:

at least one means for attaching said target device to a person;

antenna for receiving and transmitting signals;

means for monitoring power;

sensor means that detects when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range; and

means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

2. (Canceled) A device as recited in claim 1, wherein said target device comprises:

at least one means for attaching said target device to a person;

antenna for receiving and transmitting signals;

means for monitoring power;

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sensor means that detects when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range; and

means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

3. (Original) A device as recited in claim 1, wherein said target transmission circuit comprises:

means for generating an electric field;

sensor circuit;

oscillator stage;

message decoder circuit;

digital receiver of codified signal;

trigger circuit;

logic digital circuit;

alarm circuit;

output stage; and

transmitter.

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4. (Original) A device as recited in claim 1, wherein said monitor transmission circuit comprises:

a receiver for receiving electric field related signals generated and transmitted by said target device;

transmission-reception synchronization circuit;

comparator circuit;

trigger circuit;

electronic switch circuit; and

alarm circuit.

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New Claims

Please add the following new claims:

5. (New) An electronic target monitoring system, said system comprising:

a target device adapted for attachment to a target person comprising a target transmission circuit, circuit having sensors that transmit a detectable signal when the target device extends beyond a predetermined first range or when a predetermined device comes within a predetermined second range of said target device;

said target transmission circuit comprising means for generating an electric field, sensor circuit, oscillator stage, message decoder circuit, digital receiver of codified signal, trigger circuit, logic digital circuit, alarm circuit, output stage and transmitter; and

a monitoring device having a means for determining when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

6. (New) A device as recited in claim 5, wherein said target device comprises:

at least one means for attaching said target device to a person;

antenna for receiving and transmitting signals;

means for monitoring power;

sensor means that detects when said predetermined device comes within said

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predetermined first range of said target device and when said target device goes beyond said predetermined second range; and

means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

7. (New) A device as recited in claim 5, wherein said monitor transmission circuit comprises:

a receiver for receiving electric field related signals generated and transmitted by said target device;

transmission-reception synchronization circuit;

comparator circuit;

trigger circuit;

electronic switch circuit; and

alarm circuit.

8. (New) An electronic target monitoring system, said system comprising:

a target device adapted for attachment to a target person comprising a target transmission circuit, circuit having sensors that transmit a detectable signal when the target device

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extends beyond a predetermined first range or when a predetermined device comes within a predetermined second range of said target device; and

a monitoring device having a means for determining when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range, said monitoring device comprising a receiver for receiving electric field related signals generated and transmitted by said target device, transmission-reception synchronization circuit, comparator circuit, trigger circuit, electronic switch circuit and alarm circuit.

9. (New) A device as recited in claim 8, wherein said target device comprises:

at least one means for attaching said target device to a person;

antenna for receiving and transmitting signals;

means for monitoring power;

sensor means that detects when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range; and

means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

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10. (New) A device as recited in claim 8, wherein said target transmission circuit comprises:

means for generating an electric field;

sensor circuit;

oscillator stage;

message decoder circuit;

digital receiver of codified signal;

trigger circuit;

logic digital circuit;

alarm circuit;

output stage; and

transmitter.

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COMPLETE LISTING OF CLAIMS

1. (Once Amended) An electronic target monitoring system, said system comprising:
 - a target device adapted for attachment to a target person comprising a target transmission circuit, circuit having sensors that transmit a detectable signal when the target device extends beyond a predetermined first range or when a predetermined device comes within a predetermined second range of said target device; and
 - a monitoring device having a means for determining when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range;said target device comprising:
 - at least one means for attaching said target device to a person;
 - antenna for receiving and transmitting signals;
 - means for monitoring power;
 - sensor means that detects when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range; and
 - means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

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2. (Canceled) A device as recited in claim 1, wherein said target device comprises:

- at least one means for attaching said target device to a person;
- antenna for receiving and transmitting signals;
- means for monitoring power;
- sensor means that detects when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range; and
- means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

3. (Original) A device as recited in claim 1, wherein said target transmission circuit comprises:

- means for generating an electric field;
- sensor circuit;
- oscillator stage;
- message decoder circuit;
- digital receiver of codified signal;

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trigger circuit;
logic digital circuit;
alarm circuit;
output stage; and
transmitter.

4. (Original) A device as recited in claim 1, wherein said monitor transmission circuit comprises:

a receiver for receiving electric field related signals generated and transmitted by said target device;

transmission-reception synchronization circuit;
comparator circuit;
trigger circuit;
electronic switch circuit; and
alarm circuit.

5. (New) An electronic target monitoring system, said system comprising:
a target device adapted for attachment to a target person comprising a target transmission circuit, circuit having sensors that transmit a detectable signal when the target device

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extends beyond a predetermined first range or when a predetermined device comes within a predetermined second range of said target device;

said transmission circuit comprising means for generating an electric field, sensor circuit, oscillator stage, message decoder circuit, digital receiver of codified signal, trigger circuit, logic digital circuit, alarm circuit, output stage and transmitter; and

a monitoring device having a means for determining when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

6. (New) A device as recited in claim 5, wherein said target device comprises:

at least one means for attaching said target device to a person;

antenna for receiving and transmitting signals;

means for monitoring power;

sensor means that detects when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range; and

means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

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7. (New) A device as recited in claim 5, wherein said monitor transmission circuit comprises:

a receiver for receiving electric field related signals generated and transmitted by said target device;

transmission-reception synchronization circuit;

comparator circuit;

trigger circuit;

electronic switch circuit; and

alarm circuit.

8. (New) An electronic target monitoring system, said system comprising:

a target device adapted for attachment to a target person comprising a target transmission circuit, circuit having sensors that transmit a detectable signal when the target device extends beyond a predetermined first range or when a predetermined device comes within a predetermined second range of said target device; and

a monitoring device having a means for determining when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range, said monitoring device comprising a receiver for receiving

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electric field related signals generated and transmitted by said target device, transmission-reception synchronization circuit, comparator circuit, trigger circuit, electronic switch circuit and alarm circuit.

9. (New) A device as recited in claim 8, wherein said target device comprises:
- at least one means for attaching said target device to a person;
 - antenna for receiving and transmitting signals;
 - means for monitoring power;
 - sensor means that detects when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range; and
 - means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

10. (New) A device as recited in claim 8, wherein said target transmission circuit comprises:
- means for generating an electric field;
 - sensor circuit;
 - oscillator stage;

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message decoder circuit;

digital receiver of codified signal;

trigger circuit;

logic digital circuit;

alarm circuit;

output stage; and

transmitter.